

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Ivan V. MENDENHALL  
Robert D. TAYLOR

Title: BURN RATE ENHANCEMENT VIA METAL  
AMINOTETRAZOLE HYDROXIDES

Express Mail No.: EV413564430US

Date of Deposit: 07 November 2003

**FIRST INFORMATION DISCLOSURE STATEMENT**

**Mail Stop PATENT APPLICATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with Rules 1.56 and 1.98, the references listed on Form PTO-1449 are hereby brought to the attention of the Examiner as being possibly material to examination of the subject patent application.

In accordance with the U.S. Patent and Trademark Office waiver of Rule 37 C.F.R. 1.98(a)(2)(I)[OG Notices 05 August 2003], copies of the U.S. patents cited on Form PTO-1449 are not enclosed.

Express Mail No.: EV413564430US

The following co-pending patent applications are hereby brought to the attention of the Examiner as possibly being material to examination of the subject application:

Title: SUBSTITUTED BASIC METAL  
NITRATES IN GAS GENERATION

Applicant(s): Ivan V. MENDENHALL et al.

Serial No.: 10/412,530

Filing Date: 11 April 2003

Attorney Docket No.: AAI-14261

Title: PYROTECHNIC COMPOSITIONS FOR  
GAS GENERANT APPLICATIONS

Applicant(s): Ivan V. MENDENHALL et al.

Serial No.: 10/348,568

Filing Date: 21 January 2003

Attorney Docket No.: AAI-14210

Title: COPPER CONTAINING IGNITER  
COMPOSITION FOR A GAS GENERANT

Applicant(s): Robert D. TAYLOR et al.

Serial No.: 10/342,494

Filing Date: 15 January 2003

Attorney Docket No.: AAI-14184

Title: METHOD FOR PREPARING PYROTECHNICS  
OXIDIZED BY BASIC METAL NITRATE

Applicant(s): Michael W. BARNES et al.

Serial No.: 10/378,750

Filing Date: 04 March 2003

Attorney Docket No.: AAI-14194

Express Mail No.: EV413564430US

Title: MICRO-GAS GENERATION  
Applicant(s): Ivan V. MENDENHALL et al.  
Serial No.: 10/172,166  
Filing Date: 14 June 2002  
Attorney Docket No.: AAI-14195

Form PTO-1449 (1 page) and a copy of each of the above-identified co-  
pending patent applications is enclosed.

Respectfully submitted,



Nick C. Kottis  
Registration No. 31,974

Pauley Petersen & Erickson  
2800 West Higgins Road; Suite 365  
Hoffman Estates, Illinois 60195  
TEL (847) 490-1400  
FAX (847) 490-1403

FORM PTO-1449  
(MODIFIED)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

AAI-14306

SERIAL NO.

**LIST OF PRIOR ART CITED BY APPLICANT**

(Use several sheets if necessary)

APPLICANT(S)

Ivan V. MENDENHALL et al.

FILING DATE

GROUP

**U.S. PATENT DOCUMENTS**

| *EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE    | NAME              | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|----------------------|----|-----------------|---------|-------------------|-------|----------|-------------------------------|
|                      | AA | 5,197,758       | 03/1993 | Lund et al.       |       |          |                               |
|                      | AB | 5,439,537       | 08/1995 | Hinshaw et al.    |       |          |                               |
|                      | AC | 5,547,638       | 08/1996 | Rink et al.       |       |          |                               |
|                      | AD | 5,516,377       | 05/1996 | Highsmith et al.  |       |          |                               |
|                      | AE | 5,531,941       | 07/1996 | Poole             |       |          |                               |
|                      | AF | 6,077,372       | 06/2000 | Mendenhall et al. |       |          |                               |
|                      | AG | 6,083,331       | 07/2000 | Taylor et al.     |       |          |                               |
|                      | AH | 6,132,538       | 10/2000 | Mendenhall et al. |       |          |                               |
|                      | AI | 6,143,102       | 11/2000 | Mendenhall et al. |       |          |                               |
|                      | AJ | 6,328,830 B1    | 12/2001 | Wood et al.       |       |          |                               |
|                      | AK | 6,550,808 B1    | 04/2003 | Mendenhall        |       |          |                               |

**FOREIGN PATENT DOCUMENTS**

|  |    | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|--|----|-----------------|------|---------|-------|----------|-------------|----|
|  |    |                 |      |         |       |          | YES         | NO |
|  | AL |                 |      |         |       |          |             |    |
|  | AM |                 |      |         |       |          |             |    |
|  | AN |                 |      |         |       |          |             |    |
|  | AO |                 |      |         |       |          |             |    |
|  | AP |                 |      |         |       |          |             |    |

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

|  |    |  |  |
|--|----|--|--|
|  | AR |  |  |
|  | AS |  |  |
|  | AT |  |  |

EXAMINER

DATE CONSIDERED

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

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